



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

MEMORANDUM

Division of Air Pollution Control--Field Operations Section

DATE: June 1, 1989

Date of Inspection: May 24, 1989

TO: ~~M. Zamora~~

Last Insp. Date: August 24, 1988

FROM: R. Jennings/J. Mall

Region/District: 206

SUBJECT: Facility: Deere and Co. - Harvester Works I.D. #: 161 025 AAH

Address: 1100 - 13th Ave., East Moline, IL 61244

Contact/Title: R. Dick, Plant Engineer Phone: 309/765-6272

PRE-INVESTIGATION STATUS: Workplan - (U)A-1INSPECTION FINDINGS: No Violation - TAS Checked
- Form 177

This facility is one of three John Deere manufacturing facilities in the Quad City area. The main product at this facility is harvesting equipment. Emission sources at this facility include coal, oil and gas-fired boilers (ESP controls on the coal-fired boilers), various painting operations (paint dip tanks, flocoaters, spray booths and electrocoat), grinding and blasting operations with baghouse controls, thermal stripping with fume incineration controls and coal conveying with baghouse controls. All sources and control equipment are covered by eight Agency-granted operating permits.

Two new electrocoat painting systems have been constructed and are in operation. All coating operations have been converted to high solids and water-based coatings. This facility expected compliance problems on the two new electrocoat painting systems and a variance was requested and granted for the first six months of 1988. Compliance was achieved early in 1988 by process adjustments. All other painting operations use compliance coatings as received with viscosity being controlled by temperature only. Painting usage reports were reviewed with Mr. Dick. All painting operations were determined to be in compliance at this time.

All baghouses and cyclones were observed in good operating order--no emissions were observed from exhaust stacks or vents. The stack from the ESP controlling the coal-fired boiler was observed at zero capacity.

All agency granted operating and construction permits are in order and all special conditions are in compliance (quarterly reports, maintenance records, etc.). No citizen complaints are on record against this facility.

RECEIVED

JUN 08 1989

ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF AIR POLLUTION CONTROL
STATE OF ILLINOISJM/pm
0300Pcc: J. Mall (2) *JM 06-07-89*

EPA Region 5 Records Ctr.



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